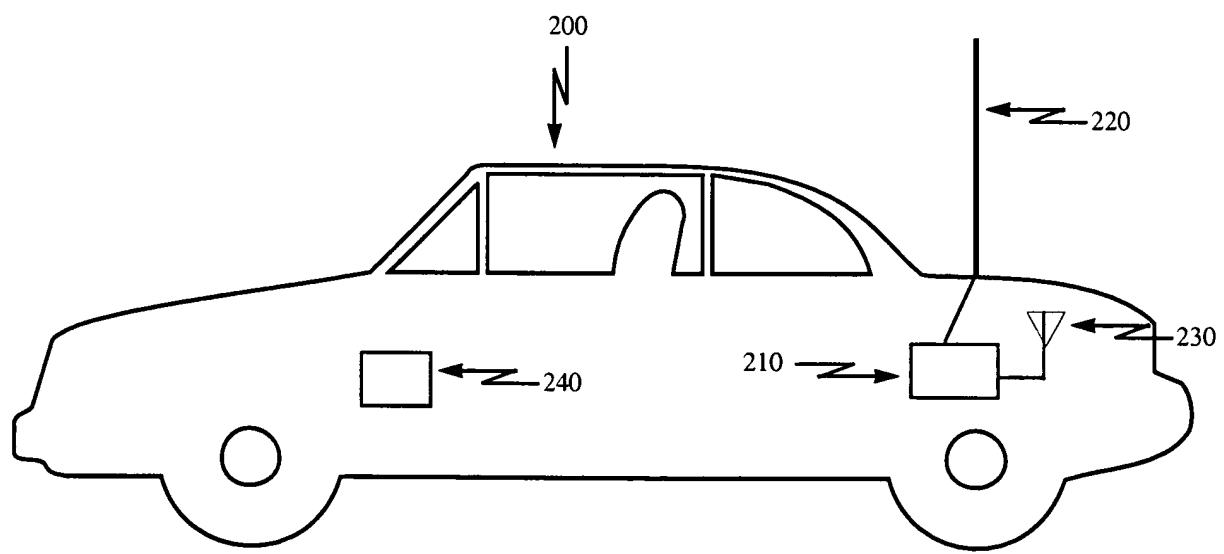
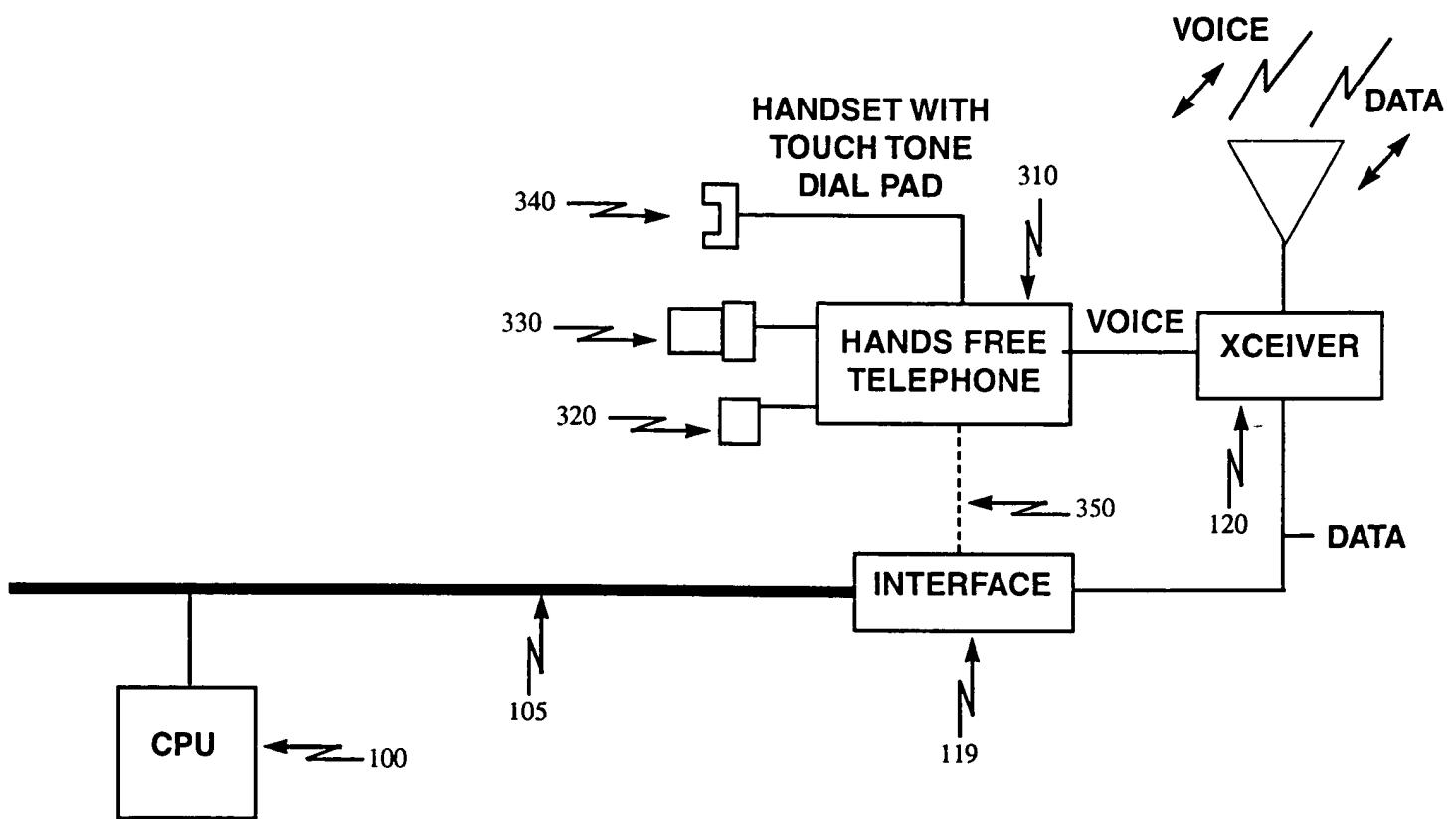


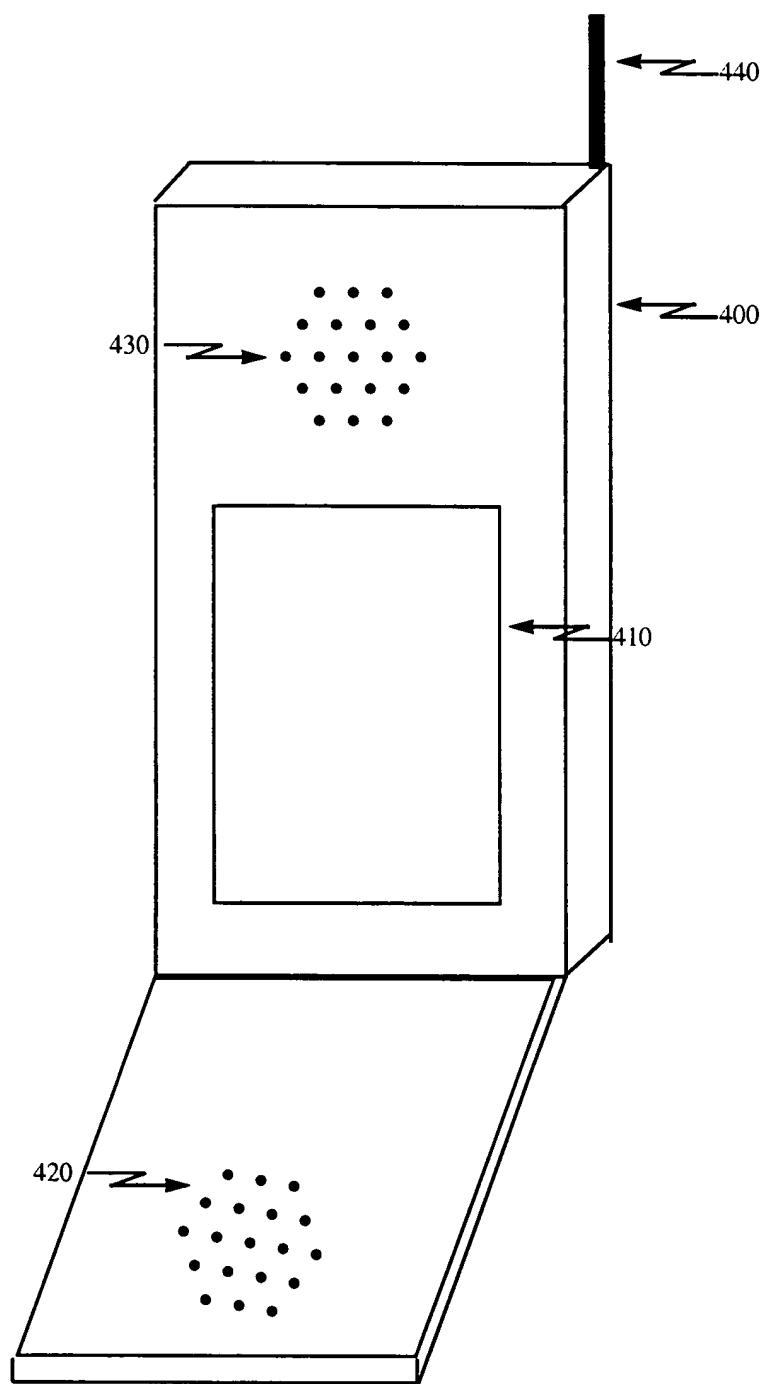
**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**

**DATABASE****I. VEHICLE INFORMATION**

**GLOBALLY UNIQUE ADDRESS:**  
**TYPE OF VEHICLE:**  
**COLOR:**  
**MAKE:**  
**MODEL:**  
**LICENSE NUMBER:**  
**CURRENT LOCATION:**  
**CURRENT ORIENTATION:**  
**CURRENT DIRECTION:**  
**CURRENT SPEED:**  
**CURRENT ACCELERATION:**

**II. OPTIONAL PERSONAL INFORMATION****III. HISTORY INFORMATION**

- ROUTE TRAVELED
- TEMPERATURE
- DETECTED ICING

**Figure 5**

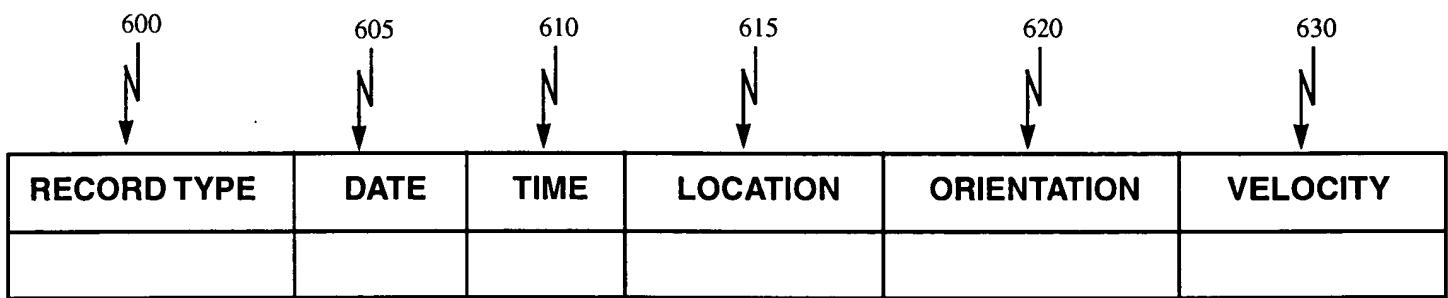


Diagram illustrating a data structure. Six numerical labels (600, 605, 610, 615, 620, 630) are positioned above a horizontal line, each with a vertical arrow pointing downwards to a corresponding column in a table row. The table has six columns labeled RECORD TYPE, DATE, TIME, LOCATION, ORIENTATION, and VELOCITY.

RECORD TYPE	DATE	TIME	LOCATION	ORIENTATION	VELOCITY

**Figure 6A**

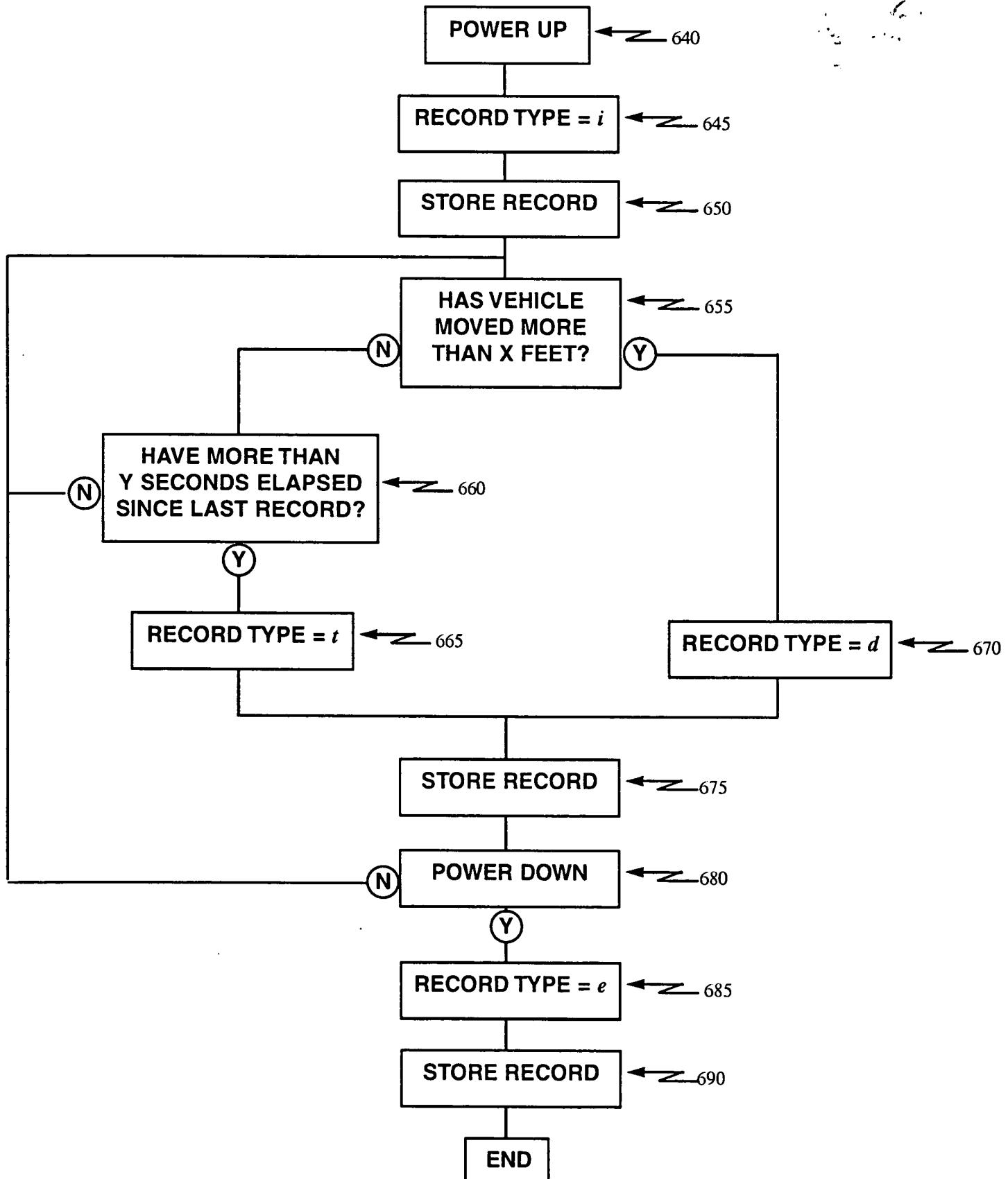
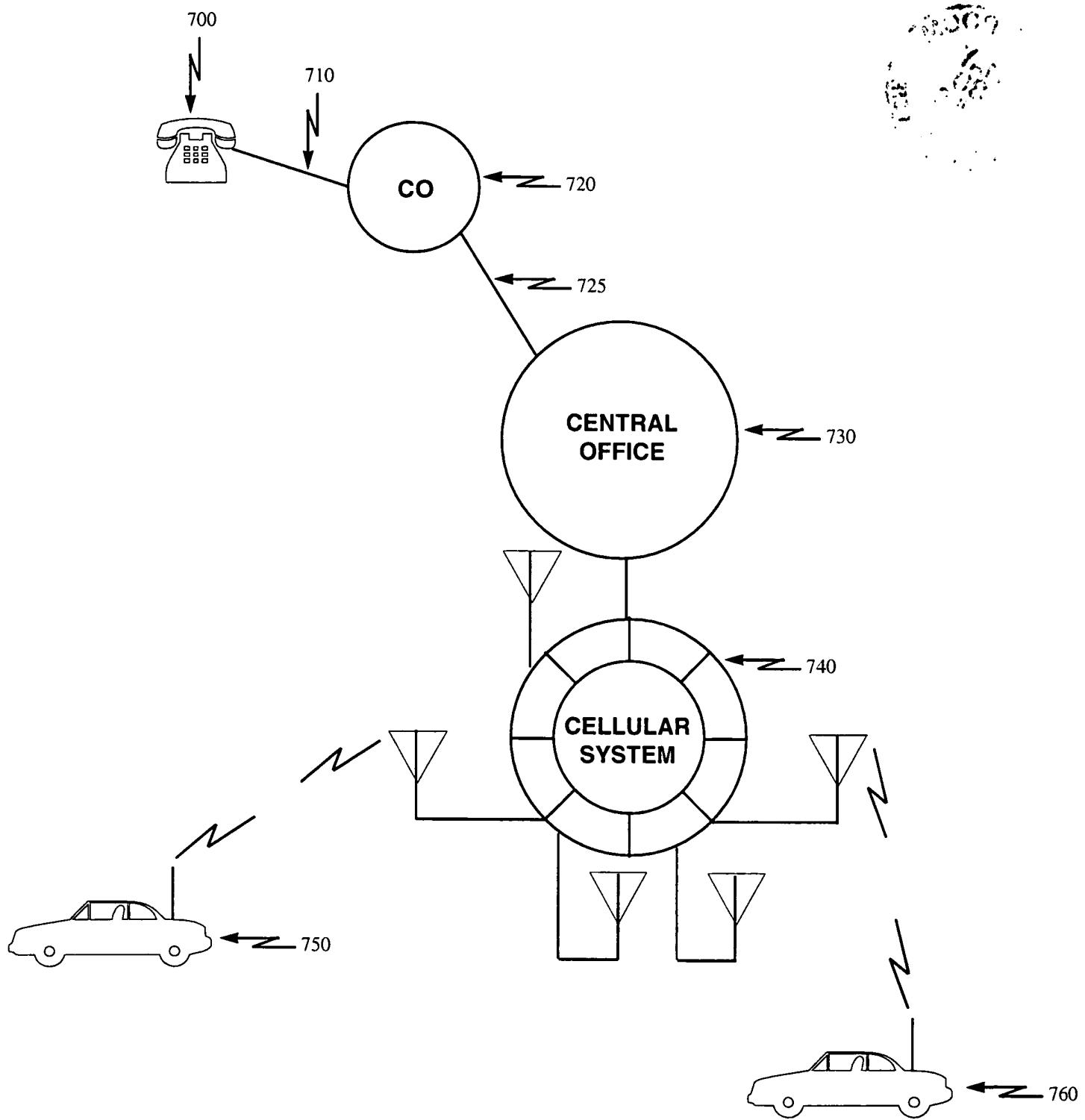
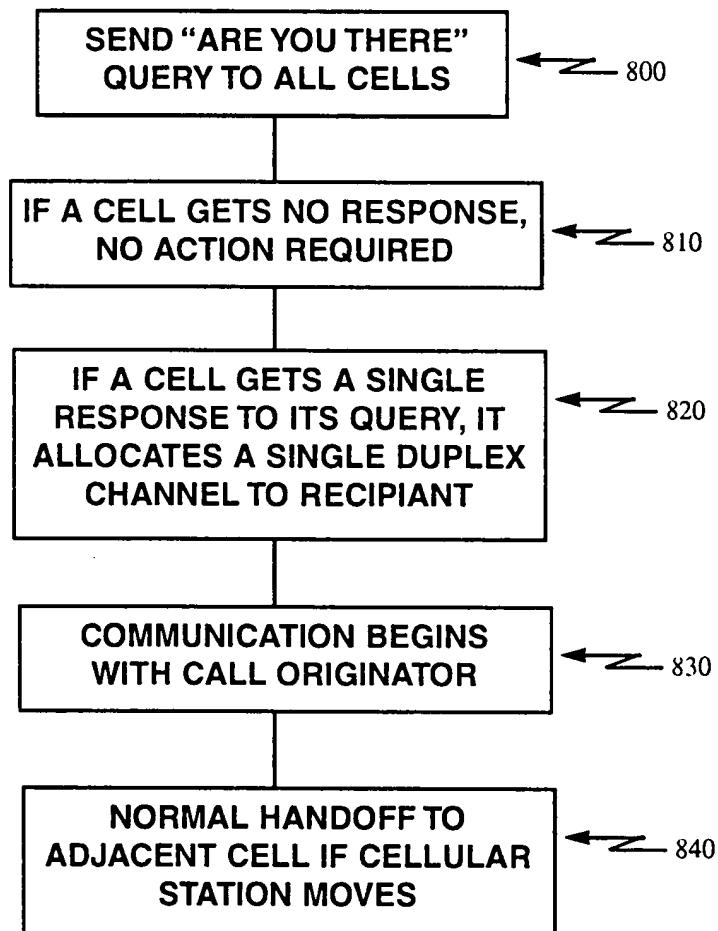


Figure 6B



**Figure 7**



**Figure 8**

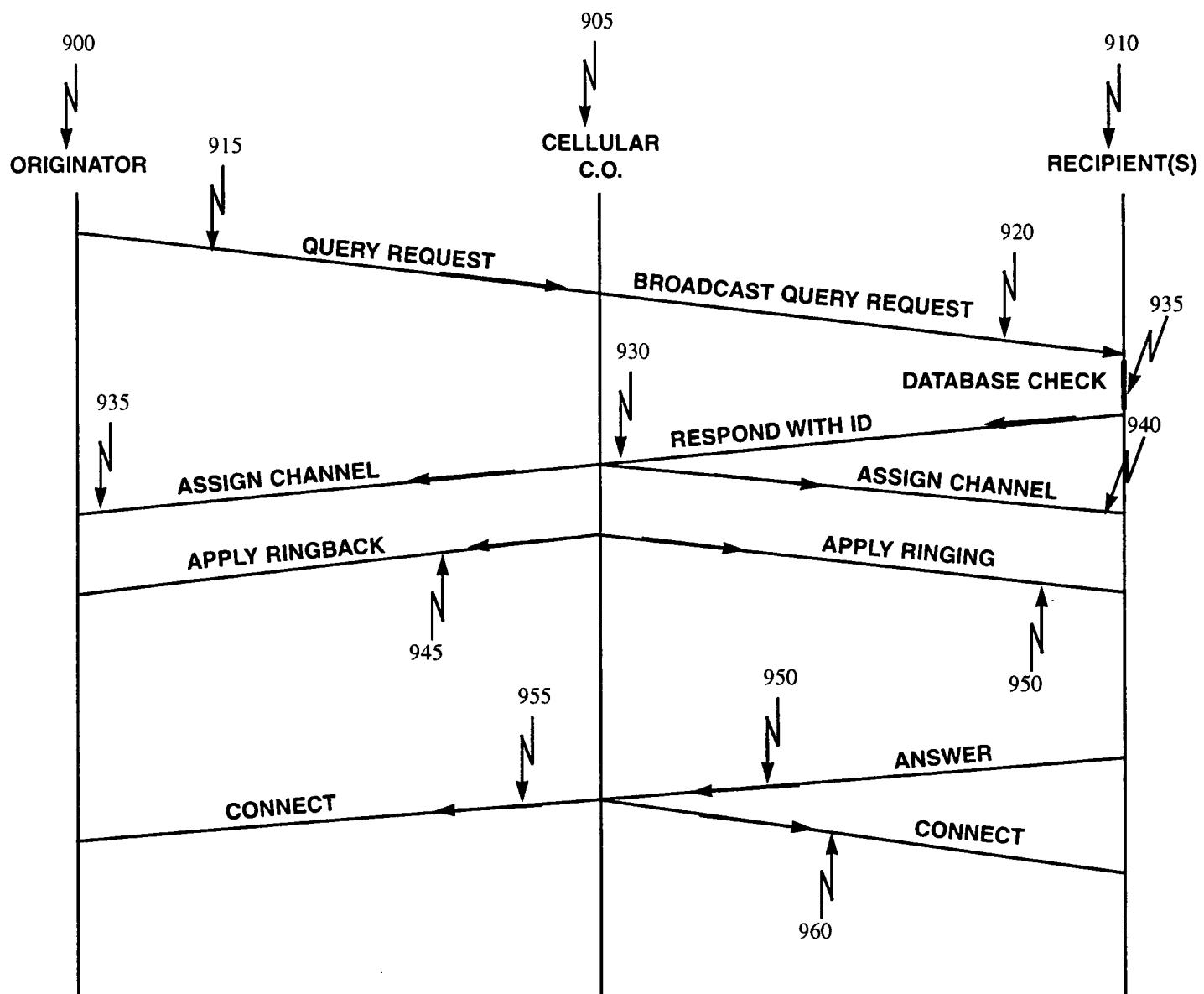
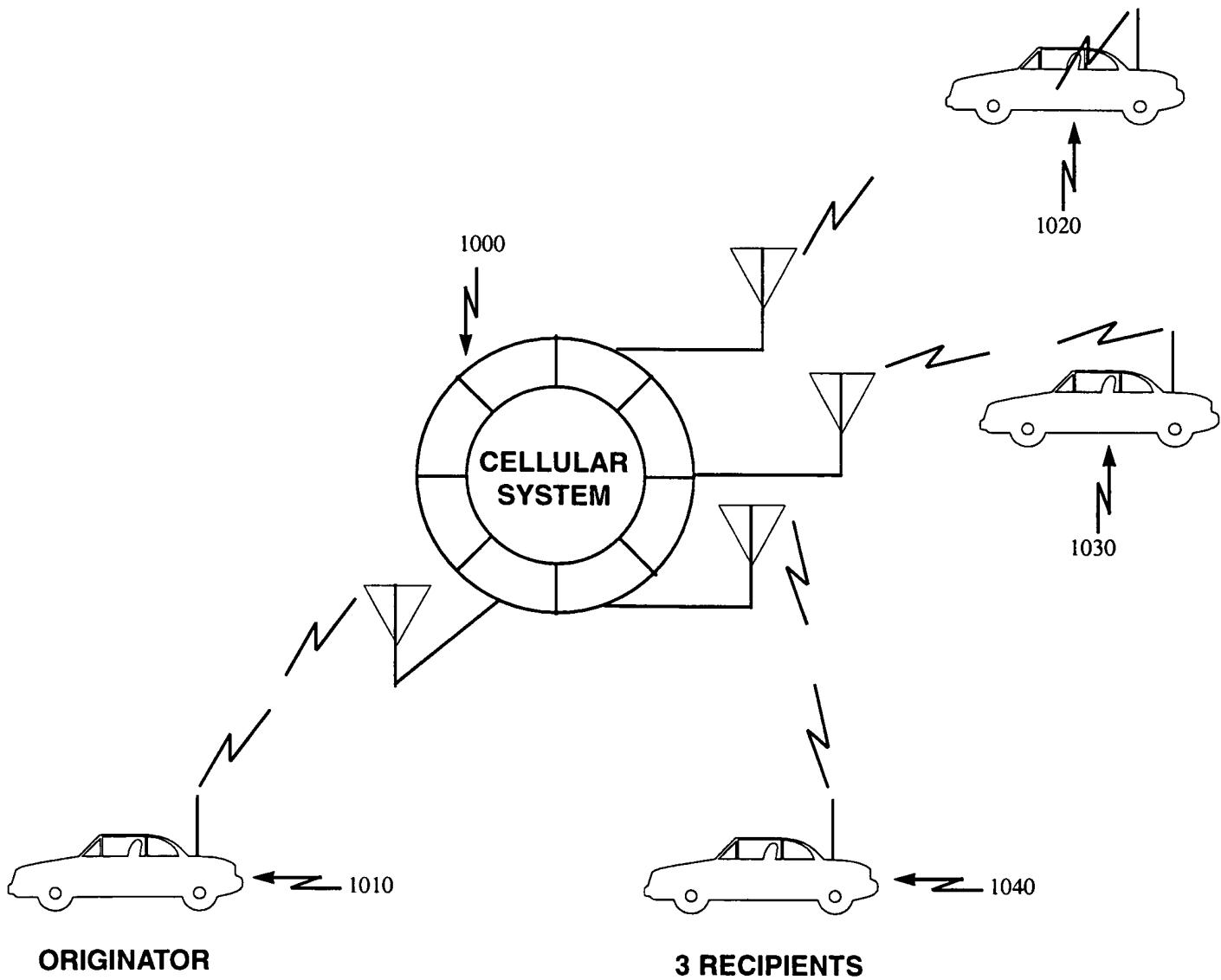
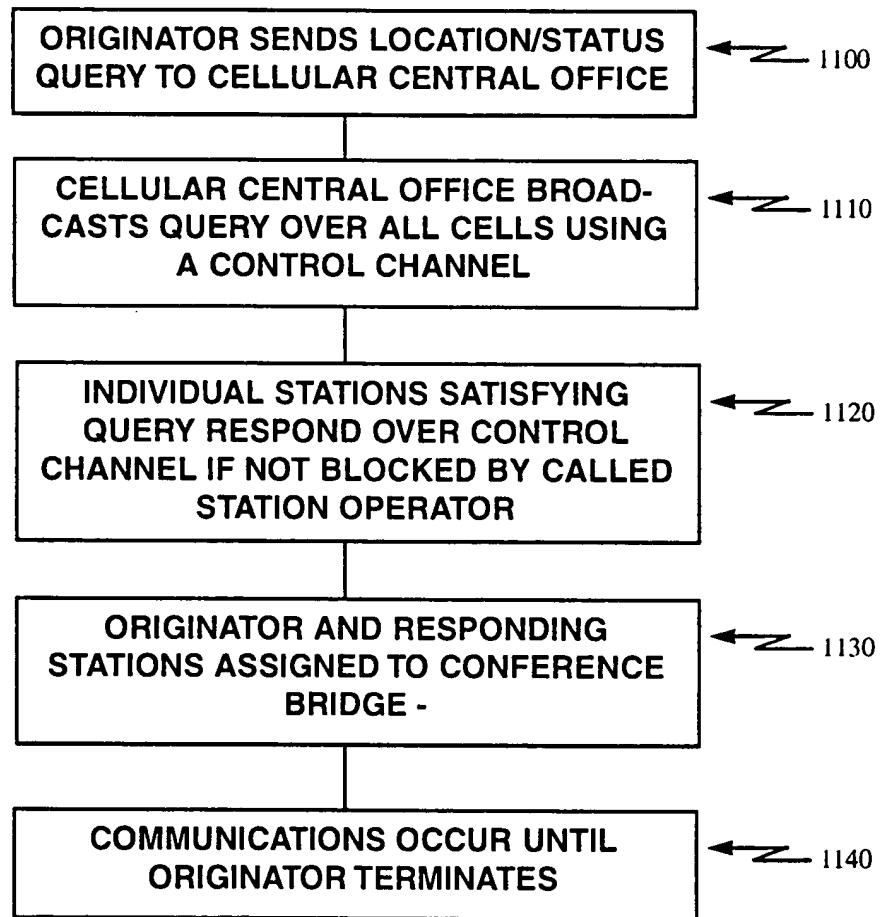


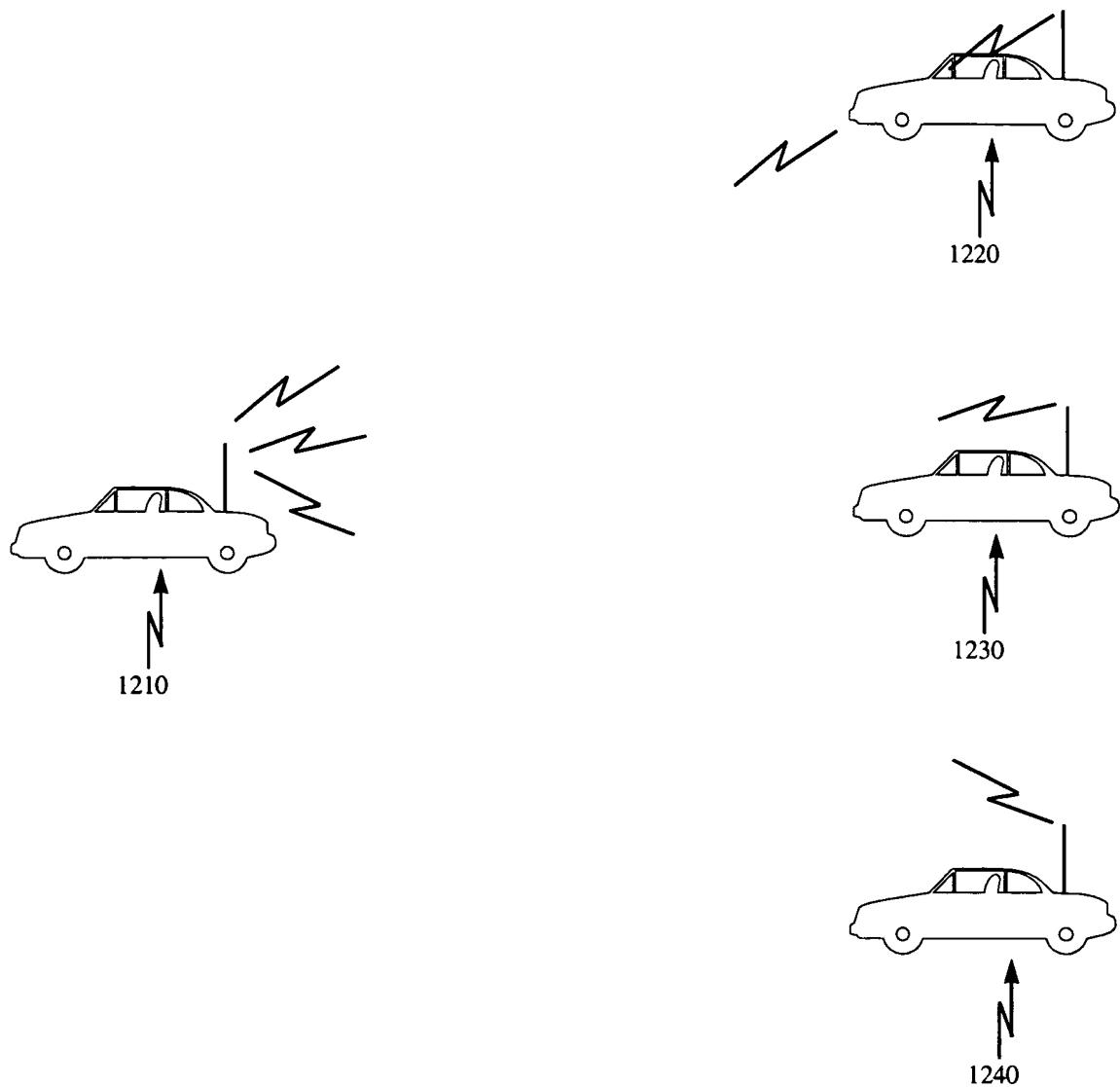
Figure 9



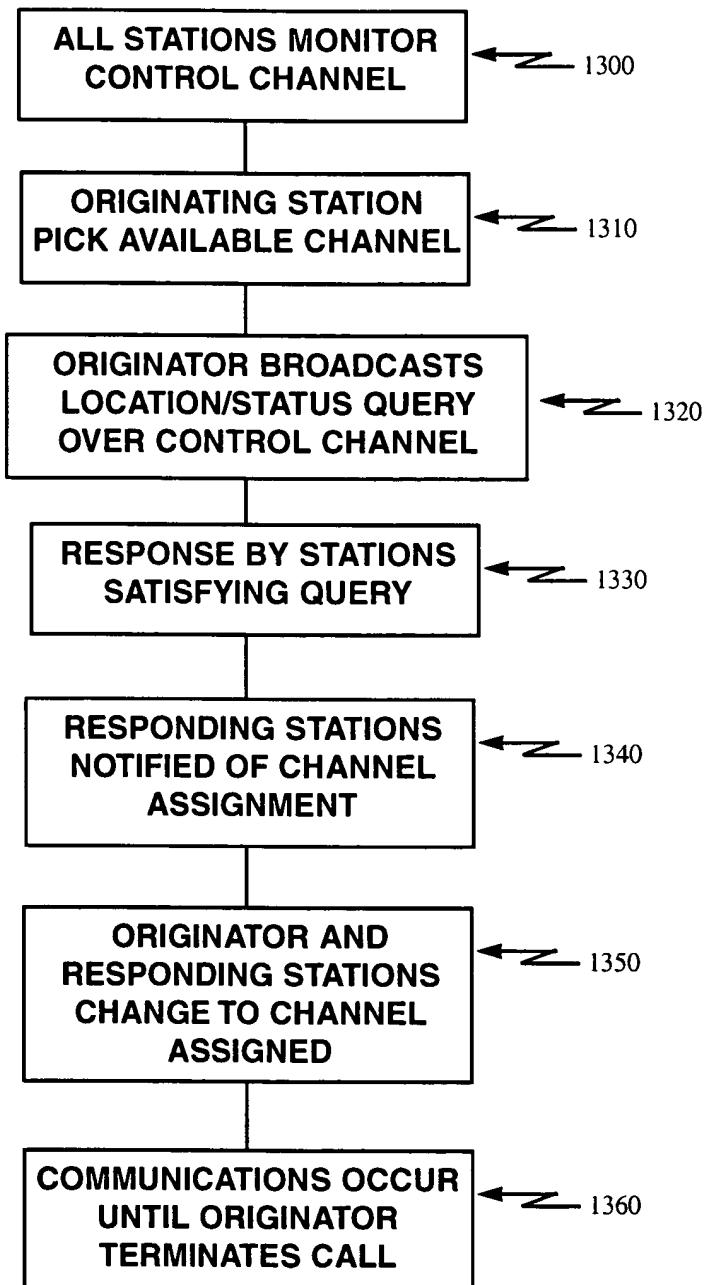
**Figure 10**



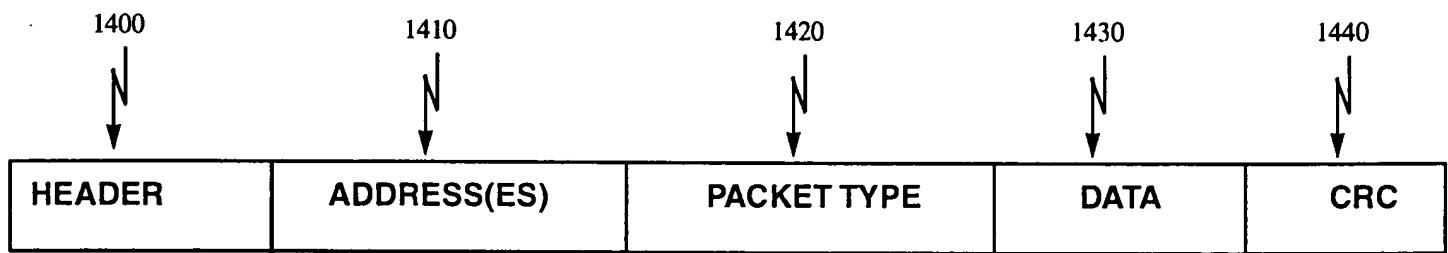
**Figure 11**



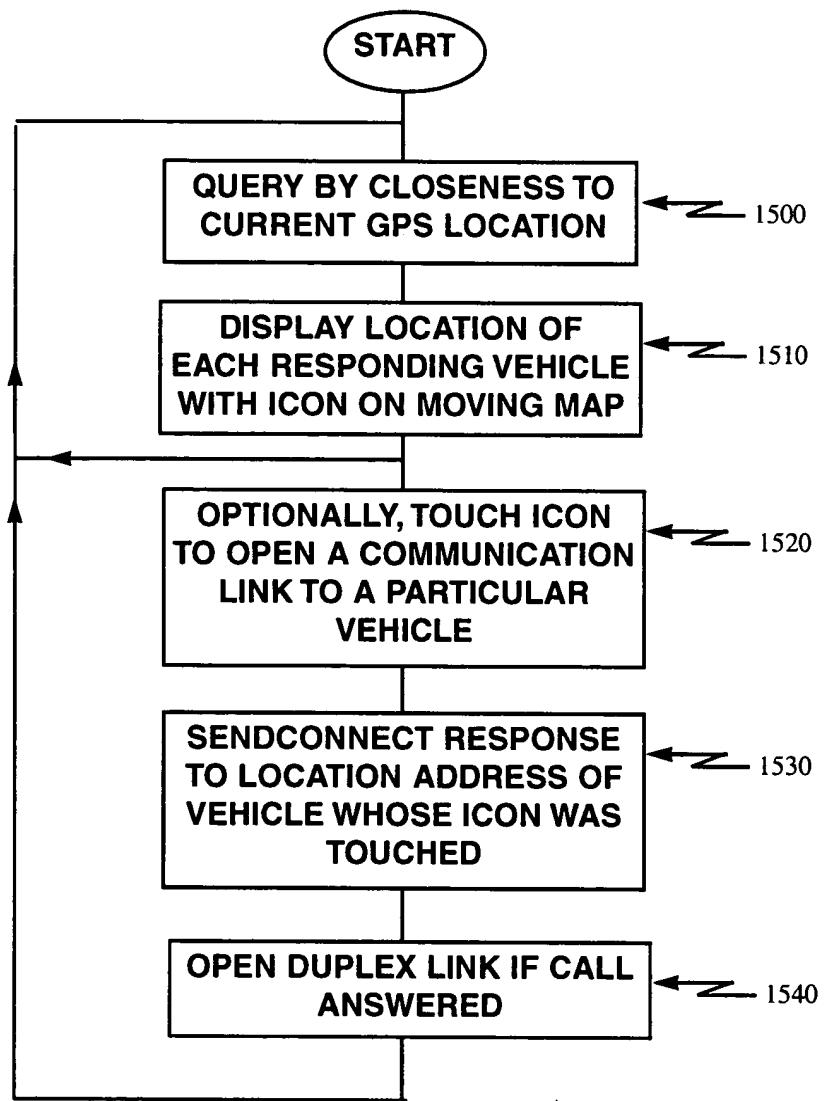
**Figure 12**



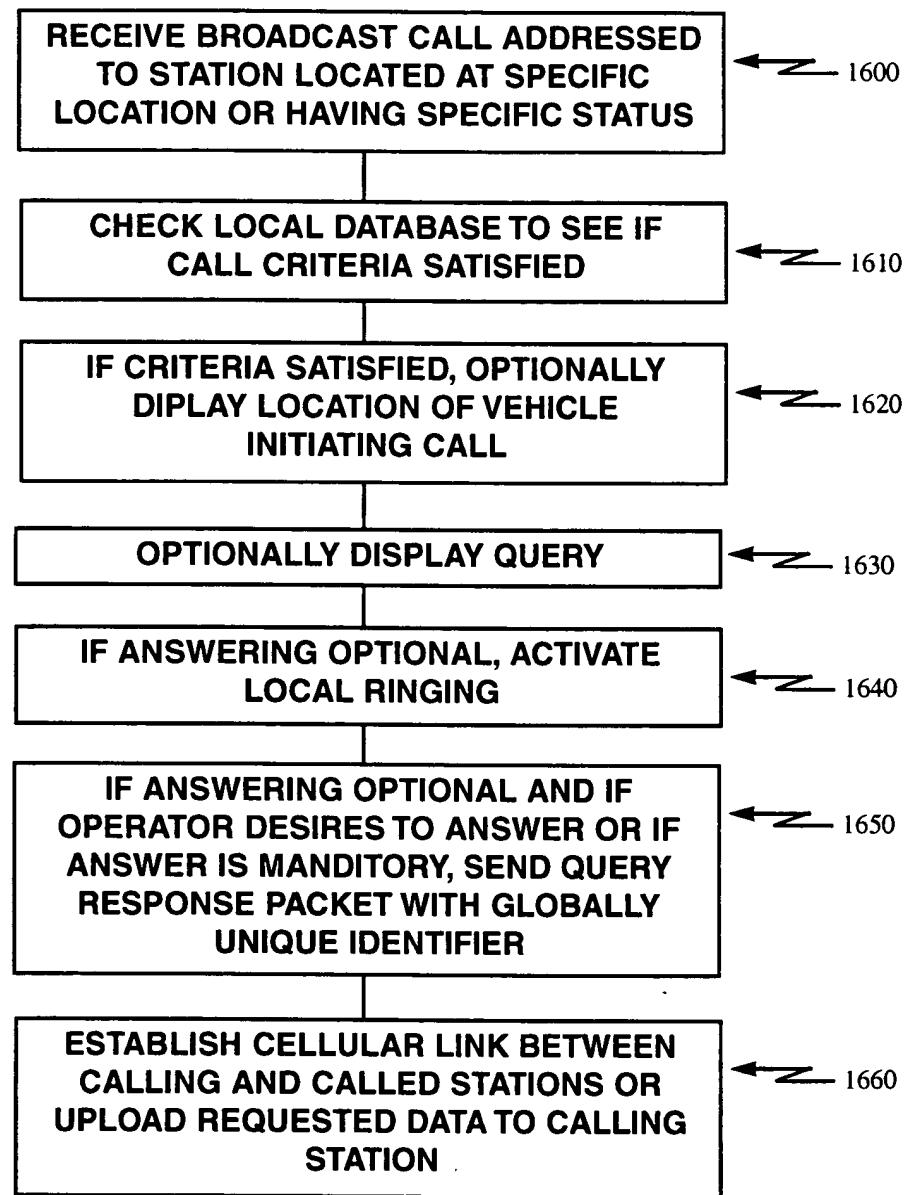
**Figure 13**

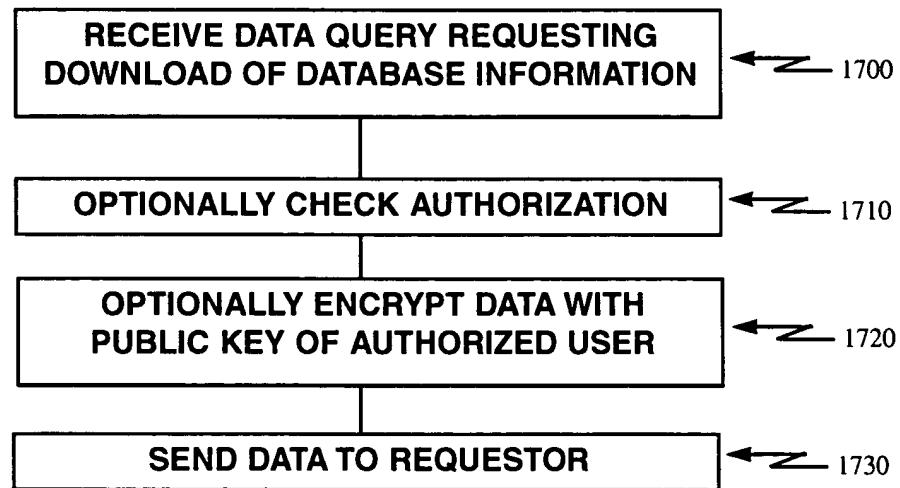


**Figure 14**

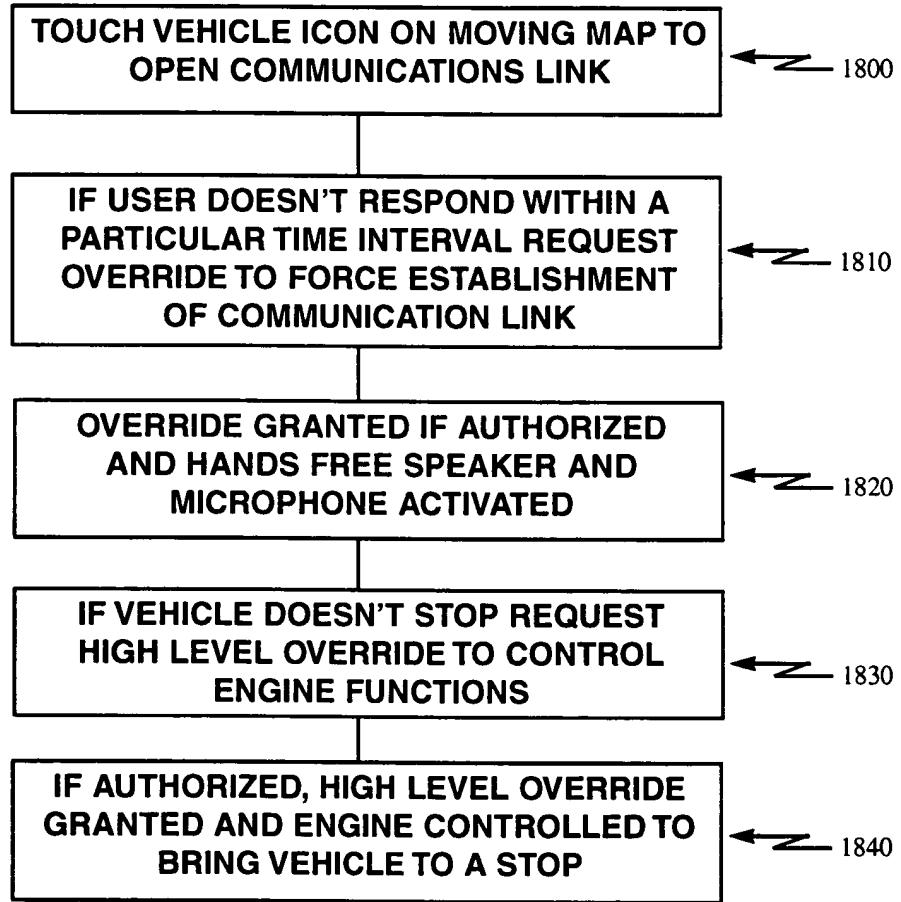


**Figure 15**

**Figure 16**



**Figure 17**



**Figure 18**

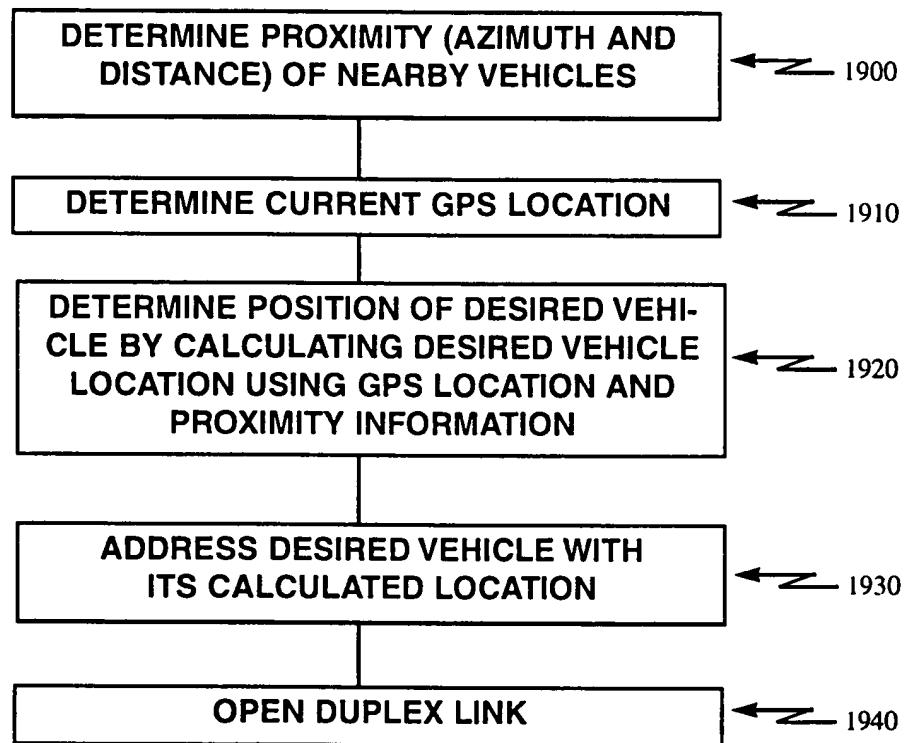
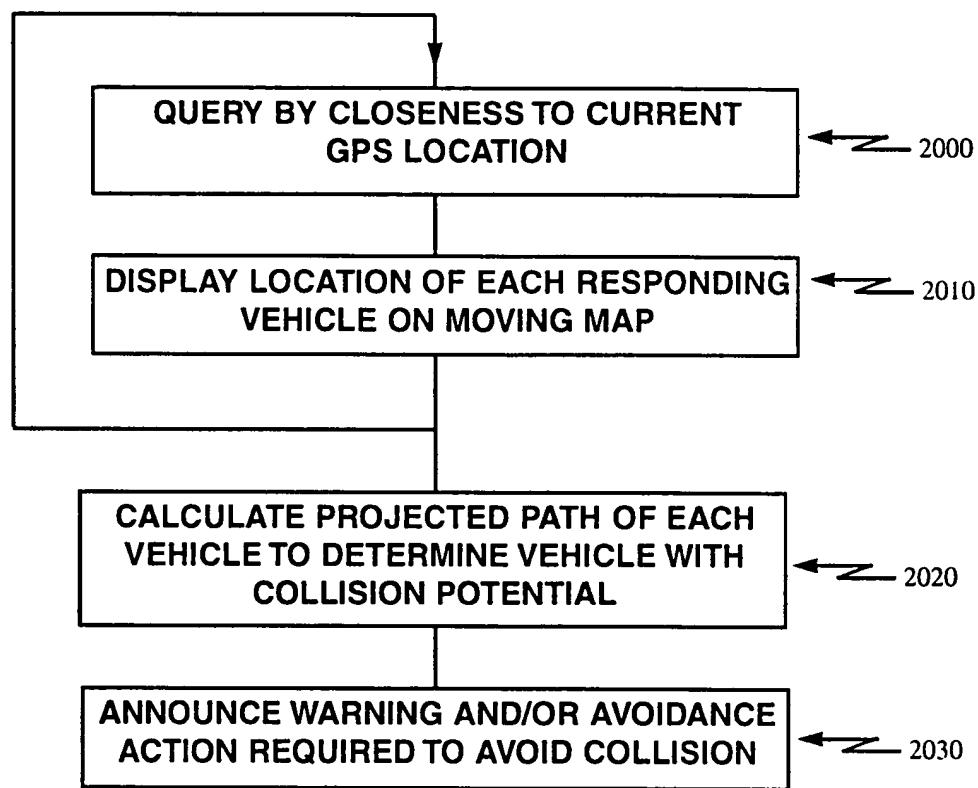
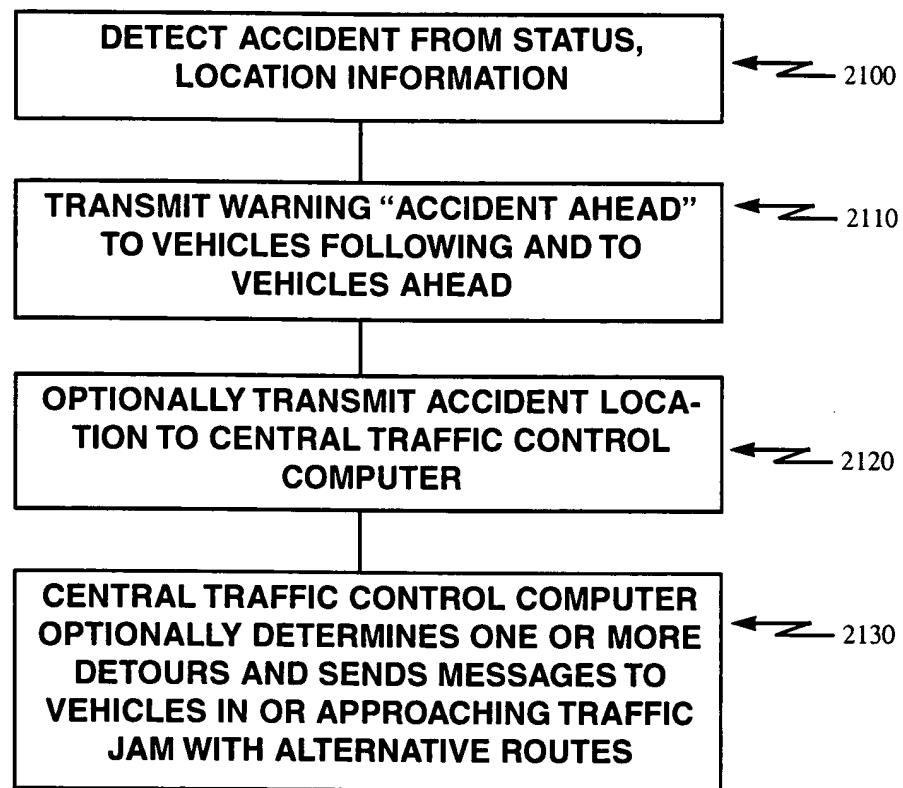


Figure 19



**Figure 20**



**Figure 21**